

# Certificate of Analysis

## Compound Information

**Product Name:** N-Heptane  
**CAS No.:** 142-82-5  
**Cat. No.:** G4827254  
**Molecular Formula:** C<sub>7</sub>H<sub>16</sub>  
**Molecular Weight:** 100.2

## Batch Information

**Batch No.:** 7720003  
**Test Date:** 2024-06-20  
**Report Date:** 2024-06-21  
**Retest Date:** 2027-06-20  
**Storage:** Store in a cool,dry area.  
**Origin** China

## Test Item

Test	Specification	Result	
Assay (GC), (as n-heptane), %	?99.0	99.43	
Assay (GC), (as heptane isomers and methylcyclohexane), %	?99.5	99.72	
Color (APHA)	?10	5	
Evaporation Residue, ppm	?3	0.3	
Moisture (KF), %	?0.02	0.002	
Sulfur-containing Compounds (as S), %	?0.005	Conforms to specification	
Thiophene	Passes test	Conforms to specification	
Water-soluble Titratable Acid, meq/g	?0.0003	0.00004	
Optical Absorbance, AU			
Signature at 197 nm	?1.00	0.86	
at 210 nm	?0.40	0.19	
Reviewed by: at 225 nm	?0.10	0.03	Approved by:
at 254 nm	?0.01	0.002	
at 280 nm	?0.01	0.001	

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :

*Hin Lam*

Reviewed by:

*Debia*

Approved by:

*David*